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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: PATTI et al.

Confirmation No. 3946

Serial No.: 10/056,052

Examiner Lucas

Filed: 28 January 2002

Art Unit 1648

For: MONOCLONAL ANTIBODIES TO THE C1fA PROTEIN  
AND METHOD OF USE IN TREATING OR PREVENTING  
INFECTIONS

Docket # P07069US04/BAS

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231  
S I R :

**This IDS is submitted herewith pursuant to 37 CFR. §1.97-1.98 and includes the following:**

- ☒ A listing of the references on PTO-1449.
- ☒ A copy of references which have come to applicant's attention.
- ☒ A copy of a corresponding foreign Search Report explaining the relevance of those references.
- ☐ A separate explanation of relevance.

**Please note the following particulars concerning the filing of this IDS:**

- ☒ This IDS is filed **within three months** of the filing date of a national application other than a CPA, or within three months of the date of entry into the national stage as set forth in 37 CFR. §1.491 in an international application, or before the mailing date of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination, whichever event occurs last.

☐ This IDS is filed **after a first action**, but before a final action, allowance, or any other action which closes prosecution, **and:**

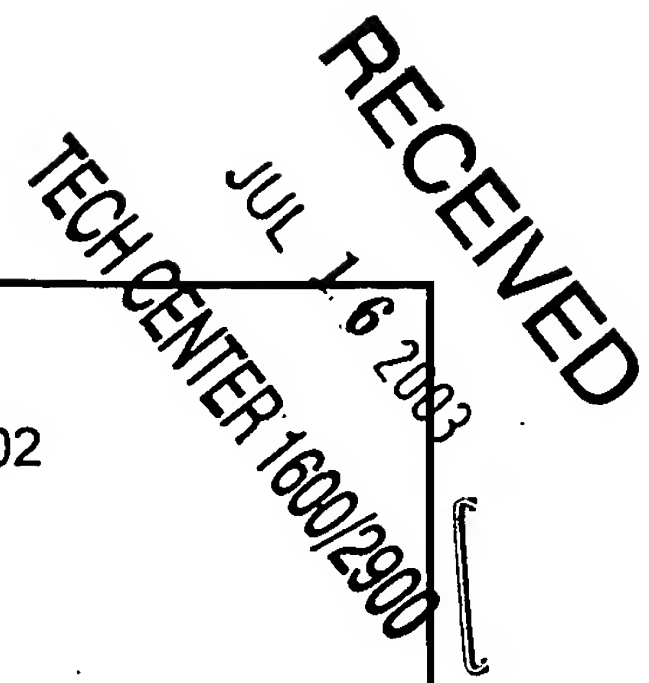
☐ is accompanied by a check in the amount of \$180.00 required by 37 CFR. §1.17(p).

**Or**

☐ I hereby state that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.

☐ I hereby state that no item of information in this IDS herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR. §1.56(c) more than 3 months prior to the filing of this IDS.

☐ An appropriate statement is attached.



<b>LETTER TO THE EXAMINER IN CONJUNCTION WITH INFORMATION DISCLOSURE STATEMENT</b>	Application #	10/056,052
	Confirmation #	3946
	Filing Date	28 January 2002
	First Inventor	PATTI et al.
	Art Unit	1648
	Examiner	Lucas
	Docket #	P07069US04/BAS

Commissioner for Patents  
Washington, D.C. 20231

S I R :

Applicants submit herewith an Information Disclosure Statement which includes references cited in the International Search Report dated April 15, 2003, a copy of which is submitted herewith.

However, Applicants note that the last reference cited in the International Search Report, namely "Database GENCORE on STN, AN S38559, MONESTIER et al. EMBL Data Library, September 1993, see attached STIC search result" was not provided by the PCT to Applicants with a copy of the Search Report.

Applicants have accordingly attached a printout of the GenBank entry relating to Accession No. S38559, September, 1993, Monestier et al. in accordance with the IDS.

The Examiner is thus requested to consider the enclosed references and make them of record in the present case.

Respectfully submitted,

B. Aaron Schulman  
Registration No. 31,877

Date: July 15, 2003

LARSON & TAYLOR PLC  
1199 North Fairfax Street, Suite 900 - Alexandria, Virginia 22314

..... This IDS is filed **after a final action or allowance**, but on/before payment of the issue fee, **and**:  
..... is accompanied by a check in the amount of \$180.00 required by 37 CFR. §1.17(p).

**And**

..... I hereby state that each item of information contained in this IDS was cited in a  
..... communication from a foreign patent office in a counterpart foreign application not more  
..... than three months prior to the filing of this IDS.

..... I hereby state that no item of information in this IDS herewith was cited in a communication  
..... from a foreign patent office in a counterpart foreign application, or, to my knowledge after  
..... making reasonable inquiry, was known to any individual designated in 37 CFR. §1.56(c)  
..... more than 3 months prior to the filing of this IDS.

..... An appropriate statement is attached.

..... This IDS is being filed pursuant to 37 CFR. §1.97(i), **for placement in the file.**

**X** ..... If no check is enclosed and a fee is due in connection with this communication or if the check  
..... enclosed is insufficient, the Commissioner is authorized to charge any fee or additional fee due  
..... with this communication to Deposit Account No. 12-0555.

Respectfully submitted,



By: B. Aaron Schulman  
Registration No.: 31,877

Date: 15 July 2003

**LARSON & TAYLOR, PLC • 1199 North Fairfax St. • Suite 900 • Alexandria, VA 22314**



Customized PTO/SB/08a-b (06-03)

Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**Sheet 1 of 2

Application #	10/056,052
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Art Unit	1648
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**U.S. PATENT DOCUMENTS**

Exam. Initial*	Document No. Number - Kind	Publication Date MM-DD-YYYY	Name Patentee or Applicant	Relevance Passages or Figures
	6,177,084	01/23/2001	FOSTER et al.	
	6,008,341	12/28/1999	FOSTER et al.	
	5,648,240	07/15/1997	HOOK et al.	
	6,288,214	09/11/2001	HOOK et al.	
	5,718,899	02/17/1998	GRISTINA et al.	
	4,795,803	01/03/1989	LINDBERG et al.	

**FOREIGN PATENT DOCUMENTS**

Exam. Initial*	DOCUMENT Country-Number-Kind	Publ. Date MM-DD-YYYY	Country	Relevance Passages/Figures	Trans-lation
	WO 97/43314 ✓	11/20/1997	WIPO		
	WO 99/24467 ✓	05/20/1999	WIPO		
	WO 94/10332 ✓	05/11/1994	WIPO		
	WO 94/05690 ✓	03/17/1994	WIPO		
	WO 00/26671 ✓	05/11/2000	WIPO		
	WO 00/12132 ✓	03/09/2000	WIPO		
	0 520 499 A1 ✓	12/30/1992	EUROPE		

**NON PATENT LITERATURE DOCUMENTS**

Exam. Initial*	Include NAME of the author (in CAPS), Title of Article/Item, Date, Page(s), Volume-Issue No., Publisher, City and/or Country where published	Trans-lation
	✓ PATTI et al., "Mscramm-Mediated Adherence of Microorganisms to Host Tissues", Ann. Rev. Microbiol, 1994, 48:585-617.	
	✓ FOSTER et al., "Surface-associated proteins of Staphylococcus aureus: Their possible roles in virulence", FEMS Microbiology Letters 118 (1994) 199-206.	
	✓ CHHATWAL et al., "Interaction between fibronectin and purified staphylococcal clumping factor", FEMS Microbiology Letters 44 (1987) 147-151.	
	✓ McCRAE et al., "Molecular Aspects of Host-Pathogen Interaction", 55 <sup>th</sup> Symposium of the Society for General Microbiology, Heriot-Watt University, Edinburgh, March 1997	
	✓ McDEVITT et al., "Genetic Evidence that Bound Coagulase of Staphylococcus aureus Is Not Clumping Factor", Infection and Immunity, April 1992, Vol. 60, No. 4, pp. 1514-1523.	
	✓ VAUDAUX et al., "Host Factors Selectively Increase Staphylococcal Adherence on Inserted Catheters: A Role for Fibronectin and Fibrinogen or Fibrin", The Journal of Infectious Diseases, Vol. 160, No. 5, November 1989.	



✓	VAUDAUX et al., "Fibronectin Is More Active than Fibrin or Fibrinogen in Promoting Staphylococcus aureus Adherence to Inserted Intravascular Catheters", The Journal of Infectious Diseases, 1993, 167:633-41.	
✓	BODEN et al., "Fibrinogen-Binding Protein/Clumping Factor from Staphylococcus aureus", Infection and Immunity, August 1989, Vol. 57, pp. 2358-2363.	
✓	BODEN et al., "Cloning and characterization of a gene for a 19 kDa fibrinogen binding protein from Staphylococcus aureus", Molecular Microbiology (1994) 12(4), pp. 599-606.	
✓	McDEVITT et al., "Molecular characterization of the clumping factor (fibrinogen receptor) of Staphylococcus aureus", Molecular Microbiology (1994) 11(2), pp. 237-248.	
✓	O'CONNELL et al., "The Fibrinogen-binding MSCRAMM (Clumping Factor) of Staphylococcus aureus Has a Ca <sup>2+</sup> -dependent Inhibitory Site", Biological Chemistry, Vol. 273, No. 12, Issue of March 20, 1998, pp. 6821-6829.	
✓	McDEVITT et al., "Identification of the ligand-binding domain of the surface-located fibrinogen receptor (clumping factor) of Staphylococcus aureus", Molecular Microbiology (1995), 18(5), pp. 885-907.	
✓	TILLMAN et al., "Both IgM and IgG Anti-DNA Antibodies Are the Products of Clonally Selective B Cell Stimulation in (NZB x NZW)F1 Mice", J. Ex. Med., The Rockefeller University Press, Vol. 176, September 1992, pp. 761-779.	
✓	KLOBECK et al., Nucleic Acids Research "Subgroup IV of human immunoglobulin K light chains is encoded by a single germline gene", IRL Press Limited, Oxford, England, Vol. 13, No. 18, 1985, pp. 6515-6529.	
✓	MONESTIER et al., "Ig light chain V region (ASWA1) – mouse (fragment)", S38559, Submitted to the EMBL Data Library September, 1993.	

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Examiner Signature		Date Considered	
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\* Examiner: Initial if considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.